CLAIMS

1. A radio receiver apparatus comprising:

an averaging section that averages received known symbols per path across a plurality of slots;

a desired signal power calculation section that calculates desired signal power per path using averaged known symbol;

a subtraction section that calculates a deviation of said received known symbol from said averaged known symbol per path;

a weighting control section that performs weight control on said deviation per path;

an interference signal power calculation section that calculates interference signal power by adding a vector using the weight-controlled deviation; and

a desired signal power to interference signal power ratio calculation section that calculates a ratio of desired signal power to interference signal power using desired signal power and interference signal power.

2. The radio receiver apparatus according to claim 1, wherein said weighting control section uses the desired signal power per path as a weight factor.

3. A radio base station apparatus equipped with a radio receiver apparatus, said radio receiver apparatus comprising:

an averaging section that averages received known symbols per path across a plurality of slots;

a desired signal power calculation section that calculates desired signal power per path using averaged known symbol;

a subtraction section that calculates a deviation of said received known symbol from said averaged known symbol per path;

a weighting control section that performs weight control on said deviation per path;

an interference signal power calculation section that calculates interference signal power by adding a vector using the weight-controlled deviation; and

a desired signal power to interference signal power ratio calculation section that calculates a ratio of desired signal power to interference signal power using desired signal power and interference signal power.

4. A communication terminal apparatus equipped with a radio receiver apparatus, said radio receiver apparatus comprising:

an averaging section that averages received known symbols per path across a plurality of slots;

a desired signal power calculation section that calculates desired signal power per path using averaged known symbol;

a subtraction section that calculates a deviation of said received known symbol from said averaged known symbol per path;

a weighting control section that performs weight

control on said deviation per path;

an interference signal power calculation section that calculates interference signal power by adding a vector using the weight-controlled deviation; and

a desired signal power to interference signal power ratio calculation section that calculates a ratio of desired signal power to interference signal power using desired signal power and interference signal power.

5. An SIR calculation method comprising the steps of:

averaging received known symbols per path across a plurality of slots;

calculating desired signal power per path using averaged known symbol;

calculating a deviation of said received known symbol from said averaged known symbol per path;

performing weight control on said deviation per path; and

calculating interference signal power by adding a vector using the weight-controlled deviation; and

6. The SIR calculation method according to claim 5, wherein said step of weight control uses the desired signal per path as a weight factor.